Rev. 1-10-03 Effective March 1998

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(X) Original () Supplemental () Substitute () PCT () DESIGN

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| itle: VARIABLE GAIN AMPLIFI | CATION CIRCUIT | | |
|--|--|---|--|
| f which is described and claimed in the attached specification, or X) the specification in application S | : erial No | filed March 16, 2004, and with an | nendments through |
| the specification in International A | pplication No., filed, and as amended | on (if applicable). | |
| hereby state that I have reviewed an ny amendment(s) referred to above. | d understand the content of the above- | identified specification, including th | e claims, as amended |
| acknowledge my duty to disclose to t Title 37, Code of Federal Regulati | the Patent and Trademark Office all info ons, §1.56. | rmation known to me to be material to | patentability as defin |
| | Title 35, United States Code, §119 (and ed below and have also identified below on which priority is claimed: | | |
| COUNTRY | APPLICATION NO. | DATE OF FILING | PRIORITY CLAIMED |
| | | 14 14 2000 | T. |
| Japan | 2003-072548 | March 17, 2003 | Yes |
| Japan | 2003-072548 | March 17, 2003 | Yes |
| hereby claim the benefit under Title bject matter of each of the claims of st paragraph of Title 35, United Sta Title 37, Code of Federal Regulati | e 35, United States Code §120 of any fthis application is not disclosed in the ates Code §112, I acknowledge the durons, §1.56 which occurred between the | United States application(s) listed be prior United States application in the y to disclose information material to | elow and, insofar as t manner provided by t patentability as defin |
| nereby claim the benefit under Title bject matter of each of the claims of st paragraph of Title 35, United Sta Title 37, Code of Federal Regulati | e 35, United States Code §120 of any f this application is not disclosed in the ates Code §112, I acknowledge the dut ons, §1.56 which occurred between the ation: | United States application(s) listed by prior United States application in the y to disclose information material to be filing date of the prior application a | elow and, insofar as t manner provided by t patentability as defin and the national or PO ED, PENDING, |
| hereby claim the benefit under Title subject matter of each of the claims of irst paragraph of Title 35, United Sta n Title 37, Code of Federal Regulati nternational filing date of this applic | e 35, United States Code §120 of any fthis application is not disclosed in the ates Code §112, I acknowledge the dutons, §1.56 which occurred between thation: | United States application(s) listed by prior United States application in the y to disclose information material to be filing date of the prior application at STATUS: PATENT | elow and, insofar as manner provided by patentability as defined the national or Postero Pending Pending Pending, |

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; Michael S. Huppert, Reg. No. 40,268; and Jeffrey R. Filipek, Reg. No. 41,471, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from <u>HAYASE & CO.</u> as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

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I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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| | |
| The above application may be more particularly | identified as follows: |
| U.S. Application Serial No. | Filing Date March 16, 2004 |
| Applicant Reference Number <u>P-31450-01</u> Atty | Docket No. <u>2004_0416A</u> |

Title of Invention VARIABLE GAIN AMPLIFICATION CIRCUIT